



## PATENT ABSTRACTS OF JAPAN

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B60R 16/02**(21) Application number: **10208174**(22) Date of filing: **23.07.98**(30) Priority: **26.07.97 DE 97 19732224**(71) Applicant: **KIEKERT GMBH & CO KG**(72) Inventor:  
**HUELSMANN THOMAS  
LABONDE DAMIEN  
PATZELT LOTHAR****(54) PRINTED WIRING BOARD WITH STRIP  
CONDUCTOR USED TO CONNECT ELECTRICITY  
CONSUMING BODY, ESPECIALLY ELECTRICITY  
CONSUMING BODY AT INSIDE OF AUTOMOBILE  
DOOR**

2 are punched so as to reach every main part 4 or the connection part of a conversion region. Cutout parts 11 in which folds are formed or bored hole parts are formed inside bent corner regions of the strip conductors 2.

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To reduce the cross section of a printed wiring board, by providing a plurality of strip conductors which are attached and installed over the length and the width of a nearly rectangular basic shape, and which can be separated from each other or which are separated from each other.

**SOLUTION:** Every printed wiring board 1 is provided with a plurality of strip conductors 2 which are attached and installed over the length and the width of a nearly rectangular basic shape and which are separated and punched. It is branched from every main part 4, and it can be laid in an arbitrary direction as a bracket of every main part 4. Then, the string conductors 2 and the main part 4 are formed of a thin-piece material by an electroconductive metal, and every main part 4 is provided with many functional regions, e.g. a keyboard region, a processor region and the like with reference to the strip conductors 2. Then, control circuits and control elements or their electronic elements are mounted on the functional regions. The strip conductors

